



2023-2024 School Year
Grade: 7th Revised May 2023
Science

1st 9 Weeks (43 days)

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9 Weeks at a Glance	1 August 7-11	2 August 14-18	3 August 21-25	4 August 28- Sept. 1	5 September 5-8 (Sept. 4 - Labor Day)	6 September 11-15	7 September 18-21 (Sept. 22 - Teacher In-Service Day)	8 September 25-29	9 October 2-6
Units of Instruction	Chapter 5: Cells	Chapter 5 cont.	Chapter 5 cont.	Chapter 6: Cell Processes	Chapter 6 cont.	Chapter 6 cont.	Chapter 7: Heredity	Chapter 7 cont.	Chapter 7 cont.
Standards that will be covered	7.PS1.2 7.LS1.1 7.LS1.2 7.LS1.3 7.LS1.4 7.LS1.5	7.PS1.2 7.LS1.1 7.LS1.2 7.LS1.3 7.LS1.4 7.LS1.5	7.PS1.2 7.LS1.1 7.LS1.2 7.LS1.3 7.LS1.4 7.LS1.5	7.LS1.8 7.LS1.9 7.LS3.1 7.LS3.2	7.LS1.8 7.LS1.9 7.LS3.1 7.LS3.2	7.LS1.8 7.LS1.9 7.LS3.1 7.LS3.2	7.LS3.2 7.LS3.3	7.LS3.2 7.LS3.3	7.LS3.2 7.LS3.3
Resources Used	Structure and Function Chart: Organelles Cell Model Textbook Review & Reinforce and Lesson Quiz	Organelle Practice Worksheets	IXL: O.1-O.6 Cell City Diagram	Textbook Review & Reinforce and Lesson Quiz Equation Sorting Activity & Song	Photosynthesis and Cell Respiration Packet	IXL: U.1 and U.2	Textbook Review & Reinforce and Lesson Quiz Alien Genetics: Genotypes and Phenotypes	Pea Plant Packet Bikini Bottom Genetics Genetics Color by Number Punnett	IXL: Q.1-Q.6 Furry Family Project Super Hero Genetics

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2nd 9 Weeks (41 days)

9 Weeks at a Glance	1 October 16-20	2 October 23-27	3 October 30 - November 4	4 November 6- 10	5 November 13- 17	6 November 20- 21 (Nov. 22-24 - Thanksgiving Break)	7 November 27 - December 1	8 December 4-8	9 December 11- 15
Units of Instruction	Chapter 8: DNA	Chapter 8 cont.	Reproduction : Mitosis and Meiosis	Reproduction : Mitosis and Meiosis	Chapter 1: Introduction to Matter	Chapter 1 cont.	Chapter 1 cont.	Chapter 2: Solids, liquids, and gasses	Chapter 2 cont.
Standards that will be covered	7.LS3.1 7.LS3.2 7.LS3.3	7.LS3.1 7.LS3.2 7.LS3.3	7.LS1.6 7.LS1.7 7.LS18 7.LS3.2	7.LS1.6 7.LS1.7 7.LS18 7.LS3.2	7.PS1.1 7.PS1.2 7.PS1.3 7.PS1.4 7.PS1.5 7.PS1.6	7.PS1.1 7.PS1.2 7.PS1.3 7.PS1.4 7.PS1.5 7.PS1.6	7.PS1.1 7.PS1.2 7.PS1.3 7.PS1.4 7.PS1.5 7.PS1.6	7.PS1.6	7.PS1.6

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Resources Used	Textbook Review & Reinforce and Lesson Quiz DNA Base Pairs Activity	Build a Model Mutation Practice	Mitosis Guided Notes Mitosis Practice Worksheet Meiosis Guided Notes	Mitosis vs Meiosis Venn Diagram Mitosis and Meiosis Flip Book	Textbook Review & Reinforce and Lesson Quiz Properties Worksheet Changes Worksheet Density Lab	Elements vs Compounds Types of Mixtures Pure Substances vs Mixtures Activity	IXL: D.1 Review Stations	Textbook Review & Reinforce and Lesson Quiz Phet Simulation (Worksheet Link) Dry Ice Lab: Sublimation	Endothermic and Exothermic Reactions Energy vs Time Chart
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3rd 9 Weeks (51 days)

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9 Weeks at a Glance	1 January 3-5	2 January 8-12	3 January 16-19 (Jan. 15 - MLK Day)	4 January 22-26	5 January 29 - February 2	6 February 5-9	7 February 12-16	8 February 20-23 (Feb. 19 - Teacher In-Service Day)	9 February 26 - March 1	10 March 4-8	11 March 11-15
Units of Instruction	Chapter 3: Atoms and Bonding	Chapter 3 cont.	Chapter 3 cont.	Chapter 4: Chemical Reactions	Chapter 4 cont.	Chapter 13: The Atmosphere	Chapter 13 cont. Start Chapter 14: Climate Change	Finish Chapter 14	Adaptation ^s	Body Systems	Pearson Benchmark Testing
Standards that will be covered	7.PS1.1 7.PS1.2 7.PS1.3 7.PS1.4 7.PS1.5 7.PS1.6	7.PS1.1 7.PS1.2 7.PS1.3 7.PS1.4 7.PS1.5 7.PS1.6	7.PS1.1 7.PS1.2 7.PS1.3 7.PS1.4 7.PS1.5 7.PS1.6	7.PS1.4	7.PS1.4	7.ESS3.1	7.ESS3.1 7.ESS3.2	7.ESS3.1 7.ESS3.2	7.LS1.6	7.LS1.4 7.LS1.5	
Resources Used	Textbook Review & Reinforce and Lesson Quiz Atomic Models Element Wanted Poster	Periodic Table Practice Worksheets	IXL: E.1-E.6 Bonds Worksheets	Textbook Review & Reinforce and Lesson Quiz Baking Soda and Vinegar Lab Elephant Toothpaste Mentos and Coke	Balancing Equations Practice Worksheet	Textbook Review & Reinforce and Lesson Quiz	Textbook Review & Reinforce and Lesson Quiz				

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